IN THE CLAIMS:

Please amend the claims as follows:

1.   (Currently Amended) A system for collecting and providing selective access to medical data relevant to plural patients having related medical conditions comprising:

a network computer system;

associated with the network computer system, a first patient-specific database and a second condition-specific database;

remote from said network computer system, plural patient electronic data collectors, each adapted for collecting first and second patient data relevant to a particular patient's medical condition, said first patient data comprising patient personal data and said second patient data comprising patient data relating to the medical condition of the patient;

associated with each patient electronic data collector, a communicator for communicating with an entrypoint to said network computer system to enable transfer of said first patient data to said first patient-specific database and to enable transfer of said second patient data to said second condition-specific database;

a first secure access gateway permitting access to the first patient-specific database in response to a first user authorisation command; and

a second secure access gateway permitting access to the second condition-specific database in response to a second user authorisation command.

2.   (Currently Amended) [[A]] The system according to claim 1, wherein said patient electronic data collectors are adapted to collect collects said first and second patient data on a regular basis.

3.   (Currently Amended) [[A]] The system according to claim 2, wherein the patient electronic data collectors are adapted to collect collects the first and second patient data on a continuous basis.

4.   (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein said first and second patient data comprises diagnostic data for use in diagnosing each patient's medical condition.

5.   (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein said first and second patient data comprises compliance data for use in assessing each patient's compliance with a treatment or prescribing regime.

6.   (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein each patient has a similar or identical medical condition.

7.   (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein each patient is on a similar or identical treatment or prescribing regime.

8.   (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein each patient electronic data collector is under the control of an individual patient.

9.   (Currently Amended) [[A]] The system according to Claims claim 1, wherein any patient electronic data collector is integrated with a system for the delivery of medicament.

10.   (Currently Amended) [[A]] The system according to claim 9, wherein the medicament delivery system is adapted to provide provides respirable delivery of medicament to the patient.

11.   (Currently Amended) [[A]] The system according to claim 9, wherein the medicament delivery system is adapted to provide provides injectable delivery of medicament to the patient.

12.   (Currently Amended) [[A]] The system according to claim 9, wherein the medicament delivery system is an implant in the body of the patient.

13. (Currently Amended) [[A]] The system according to [[Claim]] claim 9, wherein the patient electronic data collector and the system for delivery of medicament are comprised within a handheld device.

14. (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein the communicator is adapted for capable of communicating wirelessly with the entrypoint to the network computer system.

15. (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein the first and second patient data is communicable between the patient electronic data collector and the network computer system in encrypted form.

16. (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein the first and second patient data is continuously communicable between the patient electronic data collector and the network computer system.

17. (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein the first and second patient data is communicable in packet form between the patient electronic data collector and the network computer system.

18. (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein the network computer system is under the control of a healthcare data manager.

19. (Currently Amended) [[A]] The system according to claim 18, wherein the healthcare data manager is associated with a healthcare organisation selected from the group consisting of a doctor's practice, a hospital, a healthcare management centre and a pharmaceutical company.

20. (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein the first patient-specific database and the second condition-specific database are separate from each other.

21. (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein the first patient-specific database is a sub-database of the second condition-specific database.

22. (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein the data within either database is partitioned according to level of confidentiality or level of commercial sensitivity.

23. (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein the first and second secure access gateways are distinct from each other.

24. (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein the first and second secure access gateways are coupled or arranged in series.

25. (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein the secure access gateways are password protected.

26. (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein the first and second user authorisation commands are distinct.

27. (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein the first and second user authorisation commands are identical.

28. (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein the authorised users are selected from the group consisting of the patient, a healthcare professional, a pharmacist, an emergency assistance provider, a research professional, a database manager and any combinations thereof.

29.   (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein access to either one or both of the databases involves payment of a fee through an electronic payment means.

30.   (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein communication of patient data to either one or both of the databases results in award of an incentive payment through an electronic payment means.

31.   (Currently Amended) [[A]] The system according to [[Claim]] claim 1, the system adapted for enabling the patient to define permissions or authorisations at the time of data collection, data transfer, data storage and data access.

32.   (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein information from a remote datasource is [[made]] available to the network computer system.

33.   (Currently Amended) [[A]] The system according to claim 32, wherein said remote datasource comprises data relating to ambient environmental conditions.

34. (Currently Amended) [[A]] The system according to claim 32, wherein the remote datasource comprises a database of prescribable medicaments.

35. (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein the patient electronic data collector further comprises a patient electronic data management system comprising

a memory for storage of data;

a microprocessor for performing operations on said data; and

a transmitter for transmitting a signal relating to the data or the outcome of an operation on the data.

36. (Currently Amended) [[A]] The system according to claim 35, wherein said patient electronic data management system additionally comprises a geographic positioning system.

37. (Currently Amended) [[A]] The system according to [[Claim]] claim 35, wherein the communicator is adapted for enables two-way transfer of data between the network computer system and the patient electronic data management system.

38. (Currently Amended) [[A]] The system according to [[Claim]] claim 1, additionally comprising an authorised user data communicator comprising

an authorised user electronic data management system comprising a memory for storage of data;

a microprocessor for performing operations on said data; [[and]]

a transmitter for transmitting a signal relating to the data or the outcome of an operation on the data; and

a communicator for communicating with an entrypoint to a network computer system to enable communication of data between the network computer system and the authorised user electronic data management system.

39. (Currently Amended) [[A]] The system according to claim 38 for the remote assessment of a patient's medical condition and remote prescription therefor comprising

a first authorised user data communicator capable of communicating a prescription authorisation command to the network computer system; and

a second authorised user data communicator capable of receiving a prescription authorisation command from the network computer system.

40. (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein any communicator employs radiofrequency or optical signals.

41.   (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein any communicator is adapted to communicate communicates with the network computer system via a gateway thereto.

42.   (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein the communicator includes an embedded network server.

43.   (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein the communicator is adapted to communicate communicates with the network computer system via a second communications device having telecommunications capability.

44.   (Currently Amended) [[A]] The system according to claim 43, wherein the telecommunications device comprises a cellular phone or pager.

45.   (Currently Amended) [[A]] The system according to [[Claim]] claim 42, wherein the communicator is adapted to communicate communicates with the second communications device using spread spectrum radiofrequency signals.

46.   (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein the communicator is adapted to communicate communicates with a specifiable network address of the network computer system.

47. (Currently Amended) [[A]] The system according to claim 46, wherein the specifiable network address is selected from the group consisting of a web-site address, an e-mail address and a file transfer protocol address.

48. (Currently Amended) [[A]] The system according to [[Claim]] claim 35, wherein the patient electronic data management system additionally comprises a data input system for patient input of data to the electronic data management system.

49. (Currently Amended) [[A]] The system according to claim 48, wherein said data input system comprises a man machine interface selected from a keypad, graphical user interface (GUI), voice recognition interface or biometrics interface.

50. (Currently Amended) [[A]] The system according to [[Claim]] claim 35, additionally comprising a display for display of data from the patient electronic data management system to the patient.

51. (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein the plural patients have related respiratory conditions and each patient electronic data collector additionally comprises a sensor adapted for sensing

~~which senses~~ the breath of a user, wherein the sensor <u>is adapted for</u> <u>communicating</u> ~~communicates~~ breath data to the patient electronic data collector.

52.   (Currently Amended) [[A]] <u>The</u> system according to claim 51, wherein said sensor comprises a breath-movable element which is movable in response to the breath of a patient.

53.   (Currently Amended) [[A]] <u>The</u> system according to claim 52, wherein said breath-movable element is selected from the group consisting of a vane, a sail, a piston and an impeller.

54.   (Currently Amended) [[A]] <u>The</u> system according to claim 52, wherein the sensor comprises a pressure sensor for sensing the pressure profile associated with the breath of a user.

55.   (Currently Amended) [[A]] <u>The</u> system according to claim 52, wherein the sensor comprises an airflow sensor for sensing the airflow profile associated with the breath of a user.

56. (Currently Amended) [[A]] The system according to claim 52, wherein the sensor comprises a temperature sensor for sensing the temperature profile associated with the breath of a user.

57. (Currently Amended) [[A]] The system according to claim 52, wherein the sensor comprises a moisture sensor for sensing the moisture profile associated with the breath of a user.

58. (Currently Amended) [[A]] The system according to claim 52, wherein the sensor comprises a gas sensor for sensing the oxygen or carbon dioxide profile associated with the breath of a user.

59. (Currently Amended) [[A]] The system according to [[Claim]] claim 51, wherein said breath data includes breath cycle data.

60. (Currently Amended) [[A]] The system according to [[Claim]] claim 1, wherein the plural patients have related cardiovascular conditions and each patient electronic data collector additionally comprises a sensor adapted for sensing which senses the cardiovascular activity of a patient, wherein the sensor is adapted for communicating communicates cardiovascular data to the patient electronic data collector.

61. (Currently Amended) [[A]] The system according to claim 60, wherein said sensor is adapted for measuring measures the blood pressure of the patient.

62. (Currently Amended) A method for collecting and providing selective user access to medical data relevant to plural patients having related medical conditions comprising:

locally collecting first and second patient data relevant to each patient's medical condition in electronic form, said first patient data comprising patient personal data and said second patient data comprising patient data relating to the medical condition of the patient;

communicating with an entrypoint to a network computer system to enable transfer of said first patient data to a first patient-specific database and to enable transfer of said second patient data to a second condition-specific database of said network computer system; and

permitting first authorised user access to the first patient-specific database via a first secure access gateway, and/or permitting second authorised user access to the second condition-specific database via a second secure access gateway.

63. (Currently Amended) [[A]] The method according to claim 62, comprising collecting the first and second patient data on a regular basis.

64.   (Currently Amended) [[A]] The method according to claim 62, comprising collecting the first and second data on a continuous basis.

65.   (Currently Amended) [[A]] The method according to [[Claim]] claim 62, comprising communicating the first and second patient data in encrypted form.

66.   (Currently Amended) [[A]] The method according to [[Claim]] claim 62, wherein the first and second patient data is continuously communicable.

67.   (Currently Amended) [[A]] The method according to [[Claim]] claim 62, wherein the first and second patient data is communicable in packet form.

68.   (Currently Amended) [[A]] The method according to [[Claim]] claim 62, comprising permitting different levels of access to the first and second patient data to different authorised users.

69.   (Currently Amended) [[A]] The method according to [[Claim]] claim 62, additionally comprising:

        a first authorised user communicating a prescription authorisation command to the network computer system;

        a second authorised user receiving said prescription authorisation command from the network computer system; and

said second authorised user preparing the prescription based on the prescription authorisation.

70. (Currently Amended) [[A]] The method according to [[Claim]] claim 62, additionally comprising

a first authorised user communicating a prescription authorisation command to a pharmacy network computer system;

a second authorised user receiving said prescription authorisation command from the pharmacy network computer system; and

said second authorised user preparing the prescription for the patient based on the prescription authorisation,

wherein the pharmacy network computer system is arranged for communication with the network computer system.

71. (Currently Amended) [[A]] The method according to [[Claim]] claim 69, wherein the first authorised user communicates the prescription authorisation in response to a 'update prescription' alerting signal visible at a patient-specific network address on the network computer system.

72. (Currently Amended) [[A]] The network computer system for use with the system according to Claim 1 comprising:

an interface capable of receiving <u>first and second</u> patient data in electronic form from plural patient electronic data collectors<u>, wherein said first patient data is specific to the patient and said second patient data is specific to the medical condition of the patient</u>;

associated with said interface, a first patient-specific database and a second condition-specific database for storing said <u>first and second</u> patient data<u>, respectively</u>; and

an authorised user inquiry system comprising ~~either-or-both-of~~:

(a)   a first secure access gateway permitting access to the first patient-specific database in response to a first user authorisation command;

first search means for searching said patient-specific database in response to a first authorised user inquiry; and

first results transmitting means for transmitting the results of said first authorised user inquiry to the first authorised user;

(b)   a second secure access gateway permitting access to the second condition-specific database in response to a second user authorisation command;

second search means for searching said second condition-specific database in response to a second authorised user inquiry; and

second results transmitting means for transmitting the results of said second authorised user inquiry to the second authorised user,

wherein the first and second patient data originates remotely from the network computer system.

73. (Currently Amended) The network Network computer system according to claim 72, wherein the network address comprises a web-site address or a file transfer protocol address.

74. (Currently Amended) A method for collecting and providing selective user access to medical data relevant to plural patients having related medical conditions, the method comprising:

receiving first and second patient data relevant to each patient's medical condition collected automatically at a plurality of locations, said first patient data comprising patient personal data and said second patient data comprising patient data relating to the medical condition of the patient;

storing some or all of the received first patient data in a first, patient-specific database;

storing some or all of the received second patient data in a second, condition-specific database;

allowing access to said first database in response to a first user authorisation command; and

allowing access to said second database in response to a second user authorisation command.

75. (Currently Amended) [[A]] The method according to claim 74, wherein the first and second patient data is received and access to the databases is allowed via a network using TCP/IP.

76. (Currently Amended) [[A]] The computer program comprising program means for, when executed on a computer, instructing the computer to perform all of the steps Claim 74.

77. (Currently Amended) [[A]] The computer program product comprising a computer readable recording medium having recorded thereon a computer program comprising code means for, when executed on a computer, instructing said computer to perform the steps of

receiving first and second patient data relevant to each patient's medical condition collected automatically at a plurality of locations, said first patient data comprising patient personal data and said second patient data comprising patient data relating to the medical condition of the patient;

storing some or all of the received first patient data in a first, patient-specific database;

storing some or all of the received second patient data in a second, condition-specific database;

allowing access to said first database in response to a first user authorisation command; and

allowing access to said second database in response to a second user authorisation command.

78.   (Currently Amended) [[A]] The system according to [[Claim]] claim 51, wherein said breath data includes peak flow data.